

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: WMF Special-Cleaning Tablets

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Cleaning agent

### 1.3 Details of the supplier of the safety data sheet

Company name: IBEDA-CHEMIE Klaus P. Christ GmbH

Street/POB-No.: Am Eichelgärtchen 32

Postal Code, city: 56283 Halsenbach

Germany

E-mail: info@ibeda-chemie.com

Telephone: +49 (0)6747-9501-0

Telefax: +49 (0)6747-9501-11

Dept. responsible for information:

Herr Dohmann, Telephone: +49 (0)6747-9501-16

### 1.4 Emergency telephone number

Beratungsstelle bei Vergiftung, Telephone: +49 (0)6131-19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Skin Irrit. 2; H315 Causes skin irritation.

Eye Dam. 1; H318 Causes serious eye damage.

### 2.2 Label elements

#### Labelling (CLP)



Signal word: **Danger**

Hazard statements: H315 Causes skin irritation.  
H318 Causes serious eye damage.

## Precautionary statements:

P102	Keep out of reach of children.
P264	Wash hands and face thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.

**Special labelling**

Text for labelling: Contains sodium percarbonate and Potassium peroxomonosulfate.  
 Contains 5-15% phosphonates, 15-30% oxygen-based bleaching agents.

**2.3 Other hazards**

May be harmful if swallowed.  
 Contains phosphonates. May contribute to the eutrophication of water supplies.  
 Contains Sodium percarbonate: May intensify fire; oxidiser.

**SECTION 3: Composition / information on ingredients**

3.1 Substances: not applicable

**3.2 Mixtures**

Chemical characterisation: Mixture of inorganic salts with organic materials

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 207-838-8 CAS 497-19-8	Sodium carbonate	25 - 50 %	Eye Irrit. 2; H319.
REACH 01-2119457268-30-xxxx EC No. 239-707-6 CAS 15630-89-4	Sodium percarbonate	10 - 20 %	Ox. Sol. 3; H272. Acute Tox. 4; H302. Eye Dam. 1; H318.
REACH 01-2119457026-42-xxxx EC No. 201-069-1 CAS 77-92-9	Citric acid, anhydrous	5 - 10 %	Eye Irrit. 2; H319.
EC No. 274-778-7 CAS 70693-62-8	Potassium peroxomonosulfate	< 5 %	Met. Corr. 1; H290. Acute Tox. 4; H302. Skin Corr. 1B; H314. Aquatic Chronic 3; H412.

Full text of H- and EUH-statements: see section 16.

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**

In case of inhalation: Provide fresh air. In case of respiratory difficulties seek medical attention.  
 Following skin contact: Remove residues with water. In case of skin reactions, consult a physician.

- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.
- After swallowing: Rinse mouth and drink large quantities of water. Never give anything by mouth to an unconscious person.  
Consult physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

Irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2 Special hazards arising from the substance or mixture

Fires in the immediate vicinity may cause the development of dangerous vapours. In case of fire may be liberated: Sodium compounds, sulphur oxides, phosphorus compounds, carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Hazchem-Code: -

Fire water reacts alkaline. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.  
Avoid generation of dust. Do not breathe dust.  
Wear personal protection equipment.

### 6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.  
Wash spill area with plenty of water.

### 6.4 Reference to other sections

Refer additionally to section 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advices on safe handling: In case of dust formation: Withdraw by suction. Do not breathe dust.  
Avoid contact with skin and eyes.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Store in a dry place.

Hints on joint storage: Do not store together with highly inflammable or combustible materials.

Storage class: 13 = Non-combustible solids

### 7.3 Specific end use(s)

Cleaning agent

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values:

Type	Limit value
Great Britain: WEL-TWA	10 mg/m <sup>3</sup> Dust limit value inhalable fraction
Great Britain: WEL-TWA	4 mg/m <sup>3</sup> Dust limit value respirable fraction
Ireland: 8 hours	10 mg/m <sup>3</sup> Dust limit value inhalable fraction
Ireland: 8 hours	4 mg/m <sup>3</sup> Dust limit value respirable fraction

### 8.2 Exposure controls

Provide adequate ventilation. Vent dust from the work area.

### Personal protection equipment

#### Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.  
Particulates filter P2 according to EN 143.

Hand protection: Protective gloves according to EN 374.  
Glove material: Nitrile rubber or butyl caoutchouc (butyl rubber).  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Avoid contact with skin and eyes.  
Wash hands before breaks and after work.  
Remove contaminated clothing.  
Provide a conveniently located eye rinse station.  
When using do not eat or drink.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	Form: solid, Tablets Colour: white
Odour:	odourless
Odour threshold:	no data available
pH value:	at 10%: 10.5
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point/flash point range:	no data available
Evaporation rate:	no data available
Flammability:	no data available
Explosion limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Density:	approx. 2 g/cm <sup>3</sup>
Water solubility:	soluble
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity, kinematic:	no data available
Explosive properties:	no data available
Oxidizing characteristics:	no data available

### 9.2 Other information

Additional information: no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Product is hygroscopic. Product reacts alkaline.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

strong acids and alkalis

## 10.6 Hazardous decomposition products

In case of fire may be liberated: Sodium compounds, sulphur oxides, phosphorus compounds, carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

# SECTION 11: Toxicological information

## 11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Based on available data, the classification criteria are not met.  
May be harmful if swallowed.  
Acute toxicity (dermal): Lack of data.  
Acute toxicity (inhalative): Lack of data.  
Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.  
Eye damage/irritation: Eye Dam. 1; H318 = Causes serious eye damage.  
Sensitisation to the respiratory tract: Lack of data.  
Skin sensitisation: Lack of data.  
Germ cell mutagenicity/Genotoxicity: Lack of data.  
Carcinogenicity: Lack of data.  
Reproductive toxicity: Lack of data.  
Effects on or via lactation: Lack of data.  
Specific target organ toxicity (single exposure): Lack of data.  
Specific target organ toxicity (repeated exposure): Lack of data.  
Aspiration hazard: Lack of data.

### Symptoms

In case of inhalation: May cause irritations.  
After eye contact: Redness, pain, corneal opacity.

### General remarks

Information about Potassium peroxomonosulfate:  
LD50 Rat, oral: 1200 - 2050 mg/kg.  
Harmful if swallowed.  
Information about Sodium percarbonate:  
LD50 Rat, oral: 1034 - 2000 mg/kg.  
Harmful if swallowed.

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity: Harmful effects on water organisms by modification of pH-value.  
Contains phosphonates. May contribute to the eutrophication of water supplies.  
Information about Potassium peroxomonosulfate:  
Bacterial toxicity:  
EC50 *Pseudomonas putida*: 179 mg/L/18h.  
Daphnia toxicity:  
NOEC *Daphnia magna*: 1,8 mg/L/24h (OECD 202).  
LC50 *Daphnia magna*: 5,3 mg/L/24h (OECD 202).  
Fish toxicity:  
NOEC *Brachydanio rerio* (zebra-fish): 32 mg/L/96h (OECD 203).  
Source: IUCLID.

### 12.2. Persistence and degradability

Further details: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

### 12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:  
no data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available

### 12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste key number: 20 01 29\* = Detergents containing dangerous substances  
\* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.  
Smaller amounts: Dilute with plenty of water.

#### Contaminated packaging

Recommendation: Waste key number 150101 - paper and cardboard packaging  
Waste key number 150102 - Plastic packaging: PVC/PVDC  
Waste key number 150104 - Metallic packaging: Aluminium

## SECTION 14: Transport information

### 14.1 UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

### 14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

### 14.5 Environmental hazards

Marine pollutant:

No

### 14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations - Great Britain

Hazchem-Code:

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No data available

### 15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

## SECTION 16: Other information

### Further information

Wording of the H-phrases under paragraph 2 and 3:

- H272 = May intensify fire; oxidiser.
- H290 = May be corrosive to metals.
- H302 = Harmful if swallowed.
- H314 = Causes severe skin burns and eye damage.
- H315 = Causes skin irritation.
- H318 = Causes serious eye damage.
- H319 = Causes serious eye irritation.
- H412 = Harmful to aquatic life with long lasting effects.

Reason of change: General revision (Regulation (EU) No 2015/830)

Date of first version: 2/10/2009

### Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.